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Title Skin Friction Measurements on a NACA 0012 Airfoil Using Hot-Films.

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Remarks

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Abstract

Experimental results of mean surface skin friction using hot-films on a NACA 0012 airfoil at low speeds are presented. The gauges were calibrated (in-situ) in the turbulent boundary layer growing on the airfoil surface. Boundary layer computations employing the well known lag-entrainment method of Green have been used for calibrating these gauges.